

**LEMBAR
HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW
KARYA ILMIAH : PROSIDING**

Judul karya ilmiah (paper) : Mapping of Road Network, Land Use, and Pedestrian Ways in CBD of Semarang

Jumlah Penulis : 2 penulis

Status Pengusul : Anita Ratnasari Rakhmatulloh, **Diah Intan K.D**

Identitas prosiding : a. Judul Prosiding : 3rd Geoplanning- International Conference on Geomatics and Planning IOP Conf.Series:Earth and Environmental Science
 b. ISBN/ISSN : 1755-1307, EISSN (1755-1315)
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Semarang, 28 Maret 2020

Reviewer 1



Wido Prananing Tyas, ST, MDP, PhD
 NIP. 197301121998032001
 Departemen PWK FT.UNDIP

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Semarang, 31 Maret 2020
Reviewer 2,



Dr. Ars. Ir. Rina Kurniati, MT
NIP. 196608221997022001
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c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	7	7,5	7,25
d. Kelengkapan unsur dan kualitas terbitan/jurnal (30%)	7	8,0	7,5
Total = (100%)	23	25,0	24

Reviewer I,



Wido Prananing Tyas, ST, MDP, PhD
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Semarang, 31 Maret 2020

Reviewer II,



Dr. Ars. Ir. Rina Kurniati, MT
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 Volume 313, Issue 1, 28 August 2019, Article number 012016
 3rd Geopanning-International Conference on Geomatics and Planning; Gumaya Tower Hotel-SemarangSemarang;
 Indonesia; 29 August 2018 through 30 August 2018; Code 152076

Mapping of Road Network, Land Use, and Pedestrian Ways in CBD of Semarang (Conference Paper)

(Open Access)

Rakhatulloh, A.R. ✉️, Dewi, D.I.K. 📧

Urban and Regional Planning Department, Engineering Faculty, Diponegoro University, Indonesia

Abstract

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The more human activities in the city increase mobility, demand of circulation route and adequate transportation system. Semarang City Government has already provided the transportation facilities: BRT (Bus Rapid Transit) and pedestrian ways. However, the connectivity of pedestrian ways (door to door service) is still not properly used according to the safety, convenience, and the needs of urban society. As a result, the travel cost becomes expensive and mobility activities from one place to another is not efficient. The purpose of this research is about the study of integrated road networks, land use, and pedestrian ways in the center of Semarang City. The method of this research, using GIS application for mapping and planning the connectivity of land use and pedestrian ways towards public transportation or BRT (Bus Rapid Transit) route in Semarang City. The aim of the research is mapping the connectivity of pedestrian ways in order to create easy access to public transportation. © Published under licence by IOP Publishing Ltd.

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PREFACE: Proceedings of the 3rd Geoplanning International Conference

3rd Geoplanning Conference is an international conference covering research and development in the field of applied geomatics' technologies for spatial planning, including GIS, Remote Sensing, and Satellite Image Processing. Bringing "Geomatics' and Spatial Planning in Big Data Era" as title, the 3rd International Geoplanning Conference took place in Semarang, Central Java-Indonesia, on 29-30 August, 2018. This Conference held by Diponegoro University in cooperation with Center of Geomatic's Application for Sustainable Development (Cegas).

More than 200 abstract were submitted and after an initial review 87 papers were presented. Through peer review process, more than 40 papers were accepted for publication in the IOP Earth and Environmental Sciences.

This Annual Event is addressed jointly to academics and practitioners and provides a forum for a number of perspectives, based on either theoretical analyses or empirical case studies that fosters the dialogue and the exchange of ideas.

The Conference offered a number of sessions under its patronage, providing a concise overview of the most current issues and hands-on experience in Geomatics' and Spatial Planning - related fields:

Theme 1: Spatial Modelling

Theme 2: GIS Mapping

Theme 3: Urban and Regional Planning

Theme 4: Remote Sensing and Image Processing

We would like to thank all the reviewers for their time and effort in reviewing the documents. The published papers have passed the process of improvement accommodating the discussion during the conference as well as the reviewers' comments who have guided any necessary improvement. Besides, we would like to thank all members that participated in any way in the 3rd Geoplanning Conference and especially the sponsors:

- ⇨ Diponegoro University
- ⇨ MAPIN (Indonesian Society for Remote Sensing)
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Hopefully this proceeding could bring new perspectives in Applied Geomatic's and Urban Regional Planning.

3rd Geoplanning Committee



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2019

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Gumaya Tower Hotel-Semarang, Indonesia**

Accepted papers received: 03 July 2019

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